Lin Jing An

Senior Software Engineer

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PROFILE

Senior Full-Stack and AI Engineer with 8+ years of experience delivering scalable web applications and production LLM features. Builds RAG systems with OpenAI, LangChain, and LlamaIndex using embeddings in pgvector or Pinecone, adds guardrails and offline and online evaluations, and deploys and serves models in PyTorch and TensorFlow. Designs low-latency inference using FastAPI and Node.js with streaming, batching, and policy-based routing. Proficient in React and Next.js, Node.js and Python, secure APIs, CI/CD, Docker and Kubernetes, and cloud deployments on AWS and Azure; an experienced team lead.

EDUCATION

Bachelor's degree / Computer Science   2012 – 2016 | Hong Kong
University of Hong Kong

PROFESSIONAL EXPERIENCE

Senior Full Stack AI Engineer   02/2022 – 09/2024
Human City
- Engineered full-stack applications with React, Next.js, and Node.js, supporting 10K+ concurrent users at 99.9% uptime.
- Integrated AI-powered features with OpenAI, LangChain, and LLM APIs, increasing automation efficiency by 30% and boosting user engagement.
- Deployed machine learning models with PyTorch and TensorFlow, achieving production- grade inference performance and reducing latency by 30%.
- Created secure REST and GraphQL APIs with authentication and authorization layers, enhancing system reliability and data security by 25%.
- Set up CI/CD pipelines with automated testing and containerized deployments (Docker, Kubernetes), cutting release cycles by 80%.
- Enhanced backend performance through database tuning, Redis caching, and scalable architecture design, cutting response times by 0%.
- Partnered with cross-functional teams to translate business needs into technical solutions, ensuring on-time delivery of all features.
- Mentored junior developers and led code reviews, raising overall code quality and reducing post-release issues by 20%.

Software Developer   03/2020 – 10/2021
Kaleidico
- Developed responsive web applications using HTML, CSS, JavaScript, and React, improving code maintainability by 35%.
- Implemented AI-driven features with OpenAI and LLM frameworks, automating workflows and enhancing user experience.
- Refined and optimized RESTful APIs in Node.js with PostgreSQL and MongoDB, improving data accuracy by 30% and enabling AI-driven analytics.
- Executed unit and integration tests and led code reviews, increasing system reliability by 25%.
- Collaborated with design, QA, and product teams to deliver updates and fixes on schedule, improving release timeliness by 20%.

Full Stack Developer   07/2017 – 08/2018
Infuse
- Developed RESTful APIs with PostgreSQL and MongoDB backends, improving data efficiency by 5% while ensuring scalability and security.
- Built and maintained full-stack applications using React, Next.js, and Node.js, serving 20K+ active users with high availability.
- Embedded AI-powered features with OpenAI, LangChain, and LLM frameworks, boosting user engagement by 25% and enhancing process automation.
- Deployed OAuth2 and JWT authentication, enhancing system security and ensuring compliance across 100% of user transactions.
- Streamlined deployments using Docker, AWS, and CI/CD pipelines, reducing release times by 0% and improving reliability.
- Collaborated with product and design teams to deliver responsive, production-ready solutions, driving user engagement up by 25%.

SKILLS

AI & Automation
OpenAI API | LangChain | LlamaIndex | Pinecone | pgvector | RAG pipelines

Frontend
React | Next.js | Angular | TypeScript | Tailwind CSS | HTML5/CSS3

Backend
Node.js | NestJS | Express.js | FastAPI | GraphQL | REST | WebSockets | Socket.io

Databases
PostgreSQL | MySQL | MongoDB | Redis | Firebase | Supabase

Cloud & DevOps
AWS | Azure | Docker | Kubernetes | Jenkins | GitHub Actions | CI/CD pipelines

Security
OAuth2 | JWT | HIPAA | Secure Payment Flows (Stripe, PayPal)

LANGUAGES

English   ● ● ● ● ○   Mandarin   ● ● ● ● ●